

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 11, 2009

For the Period: 11/12/09 to 11/30/09 (09-316 – 09-334)

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 Ludwig, R. (2)
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 Matsumoto, S.
 Medina, E.
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 Weeks, T.
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OTHER

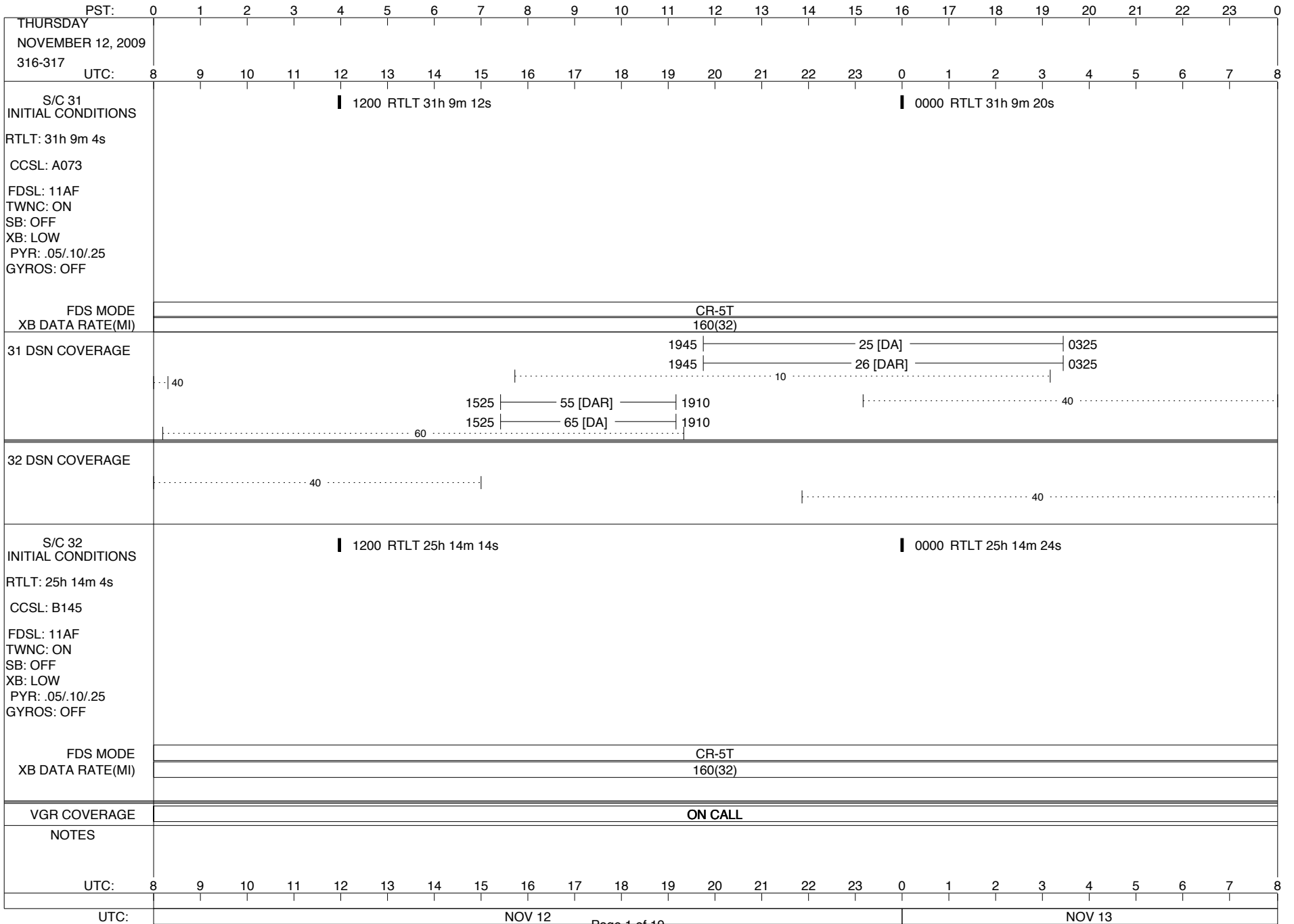
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LEGEND:

▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

*Electronic Copy Only
 (17 – Dist/N: Paper Copies)
 04/02/09

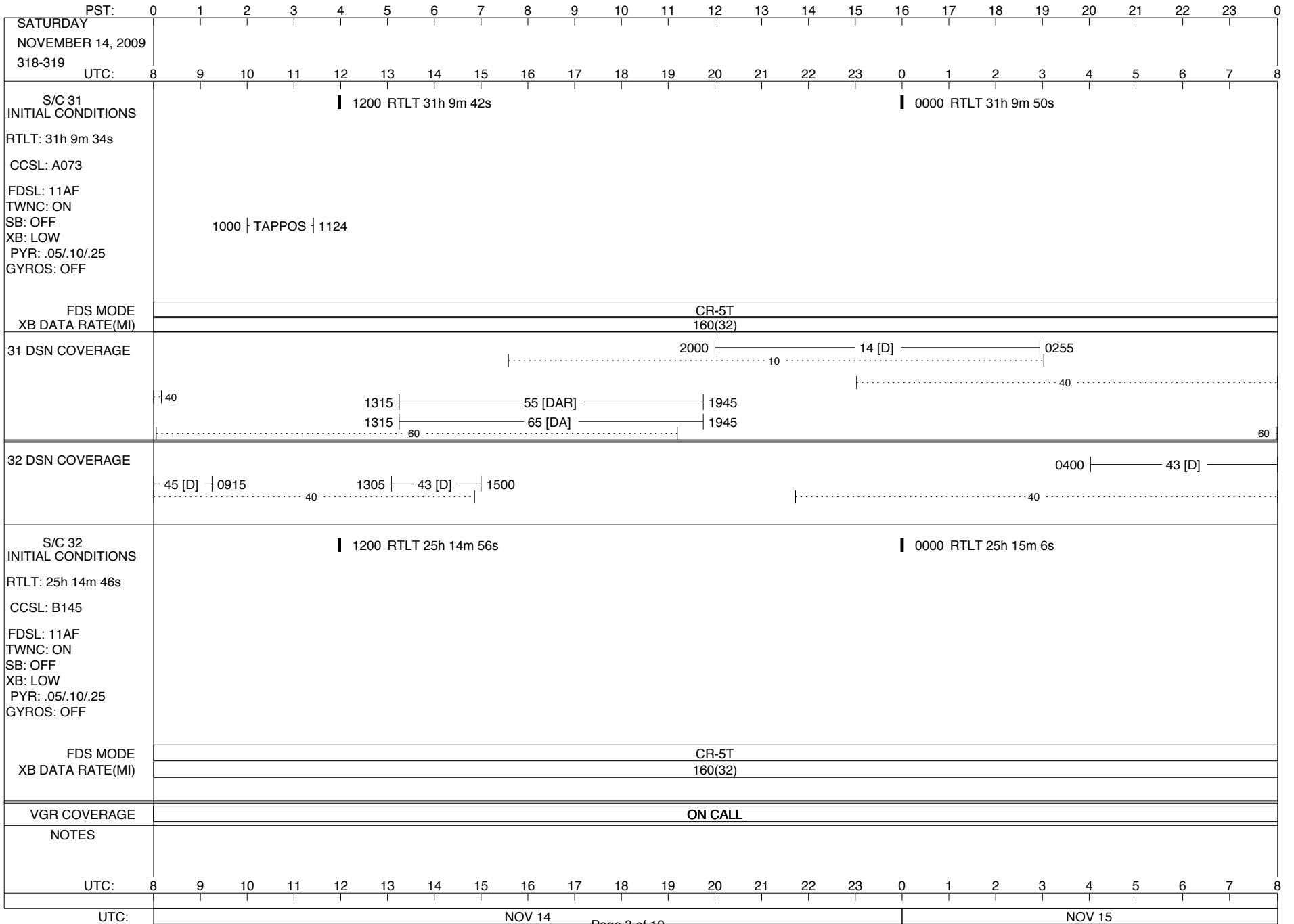
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FRIDAY NOVEMBER 13, 2009 317-318																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS	1200 RTLT 31h 9m 28s												0000 RTLT 31h 9m 34s													
RTLT: 31h 9m 20s																										
CCSL: A073																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/10/25																										
GYROS: OFF																										
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	0030 24 [DAR] 0320 0030 25 [DA] 0320 1805 54 [DAR] 1945 1805 65 [DA] 1945 0935 45 [D] 1405 0350 45 [D]																									
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS	1200 RTLT 25h 14m 36s												0000 RTLT 25h 14m 46s													
RTLT: 25h 14m 24s																										
CCSL: B145																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/10/25																										
GYROS: OFF																										
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																									
NOTES	[1] S/C 31=GS-4B @ 0753 XB=2.8K(41) NOT RECOVERABLE PIE DAY!																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	NOV 13													NOV 14												

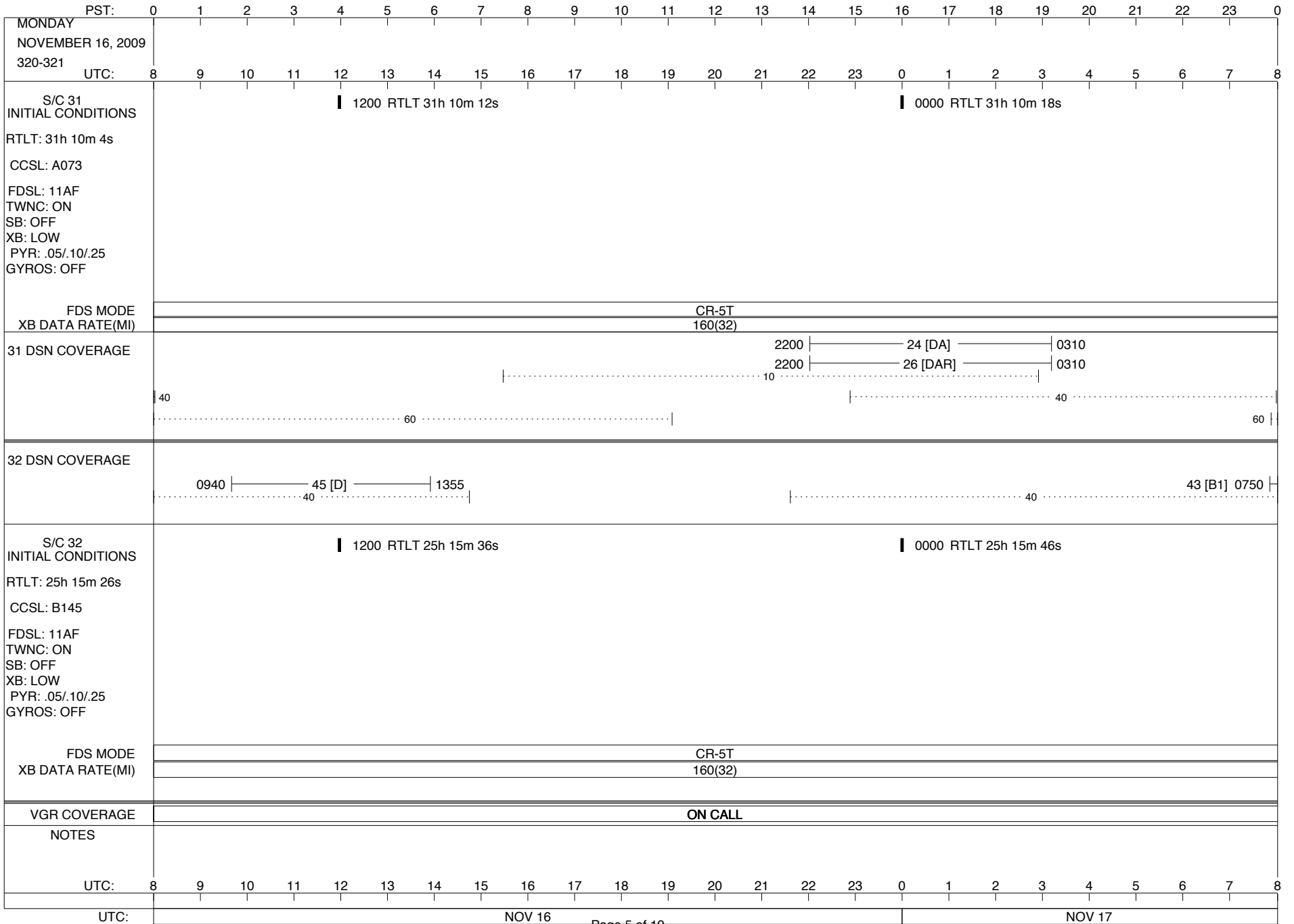
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SUNDAY NOVEMBER 15, 2009 319-320	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 31h 9m 50s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 9m 56s												0000 RTLT 31h 10m 4s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	1500 ----- 55 [DAR] ----- 1940 1500 ----- 65 [DAR] ----- 1940 0015 --- 24 [DA] --- 0215 0015 --- 26 [DAR] --- 0215												40 10 40 60												
32 DSN COVERAGE	0810 43 [D] 0930 --- 45 [D] --- 1115												40 40												
S/C 32 INITIAL CONDITIONS RTLT: 25h 15m 6s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 25h 15m 16s												0000 RTLT 25h 15m 26s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	NOV 15												NOV 16												

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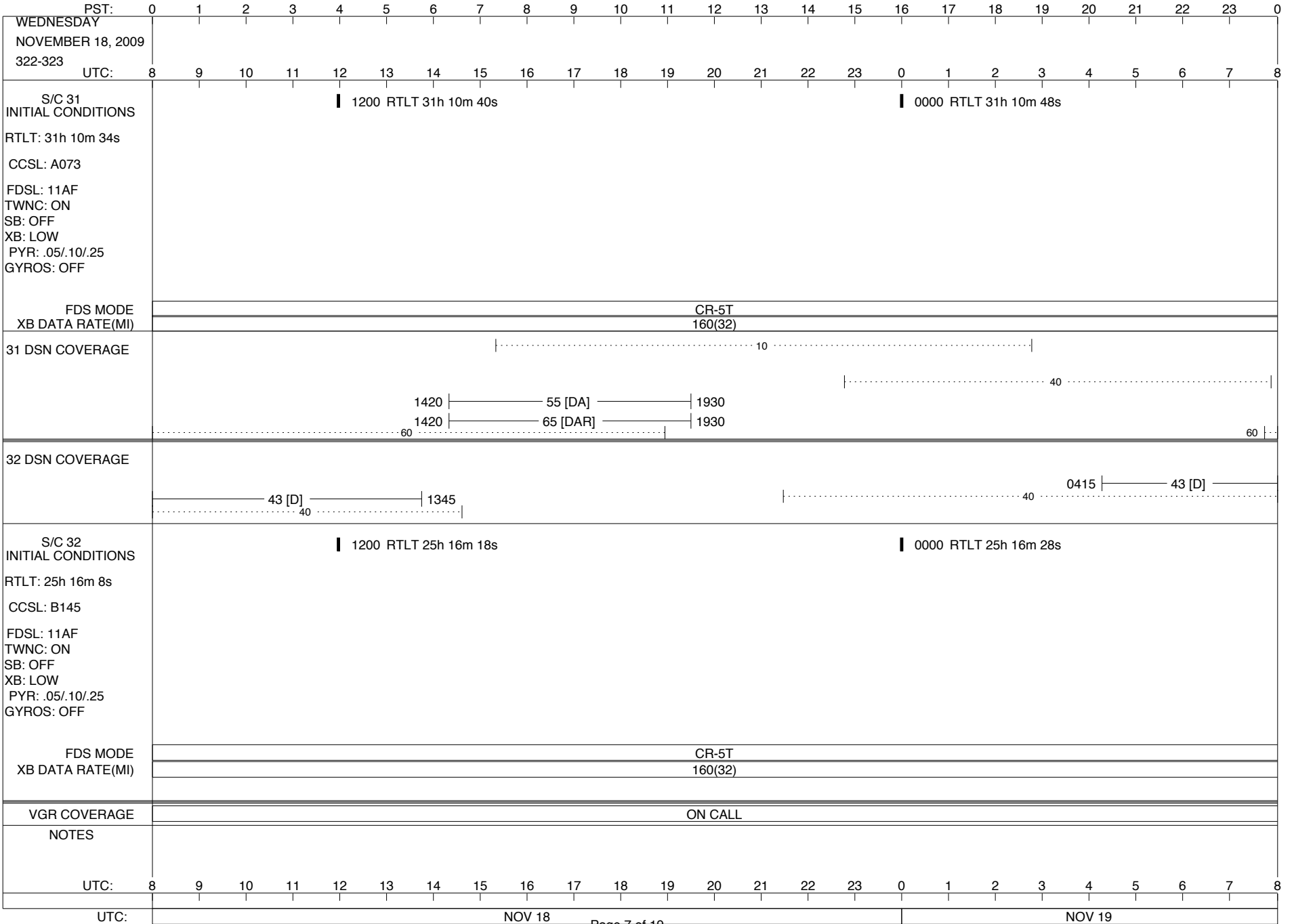


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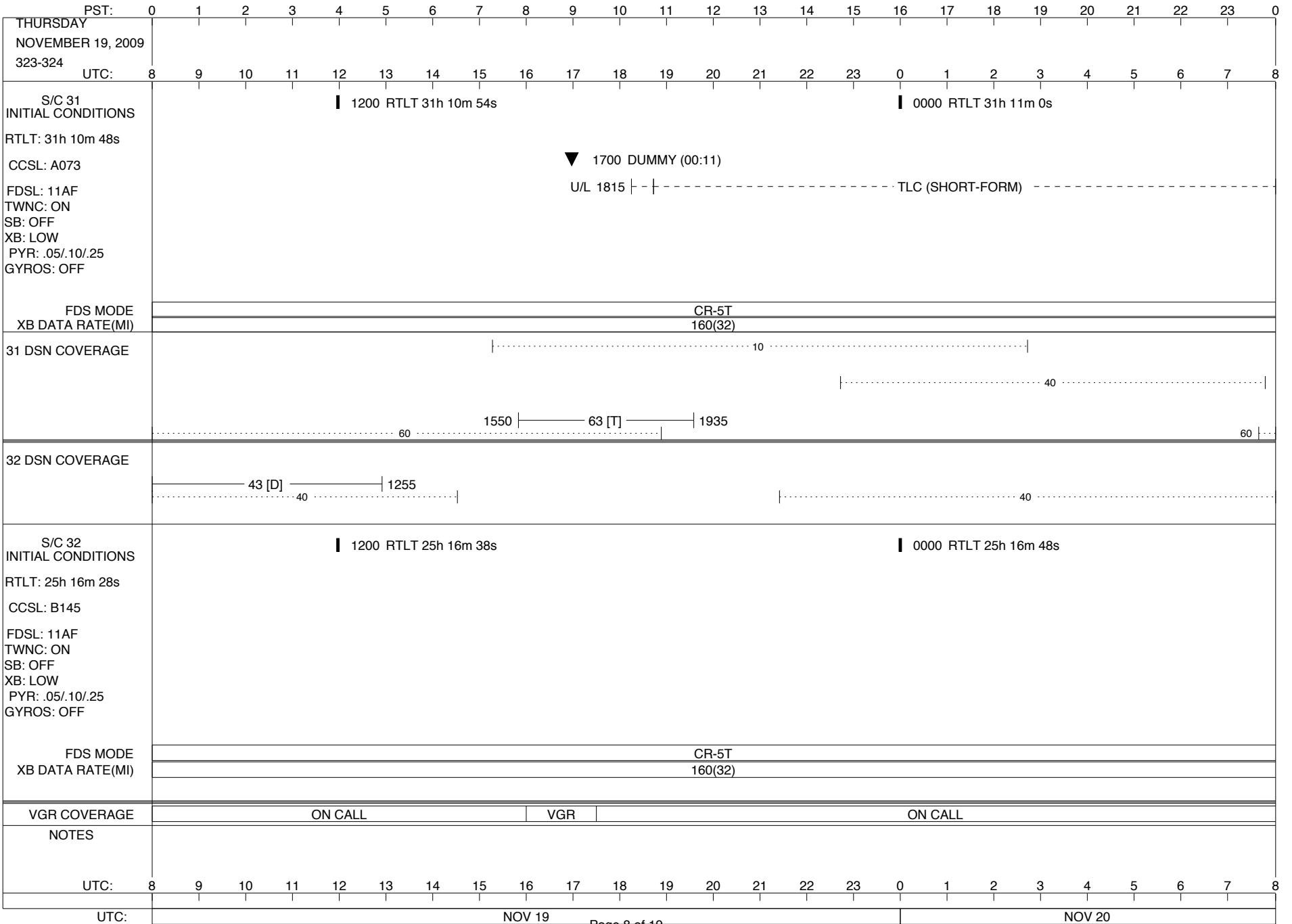
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TUESDAY NOVEMBER 17, 2009 321-322																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 31h 10m 18s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200												█ 0000								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												CR-5T 160(32)
31 DSN COVERAGE													1515 ----- 14 [D] ----- 2145												
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 25h 15m 46s CCSL: B145 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200												█ 0000								
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
NOTES																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:																									

[1] S/C 31=GS-4B @ 0129 XB=2.8K(41) NOT RECOVERABLE
 [2] B146 BACKUP U/L TRACK

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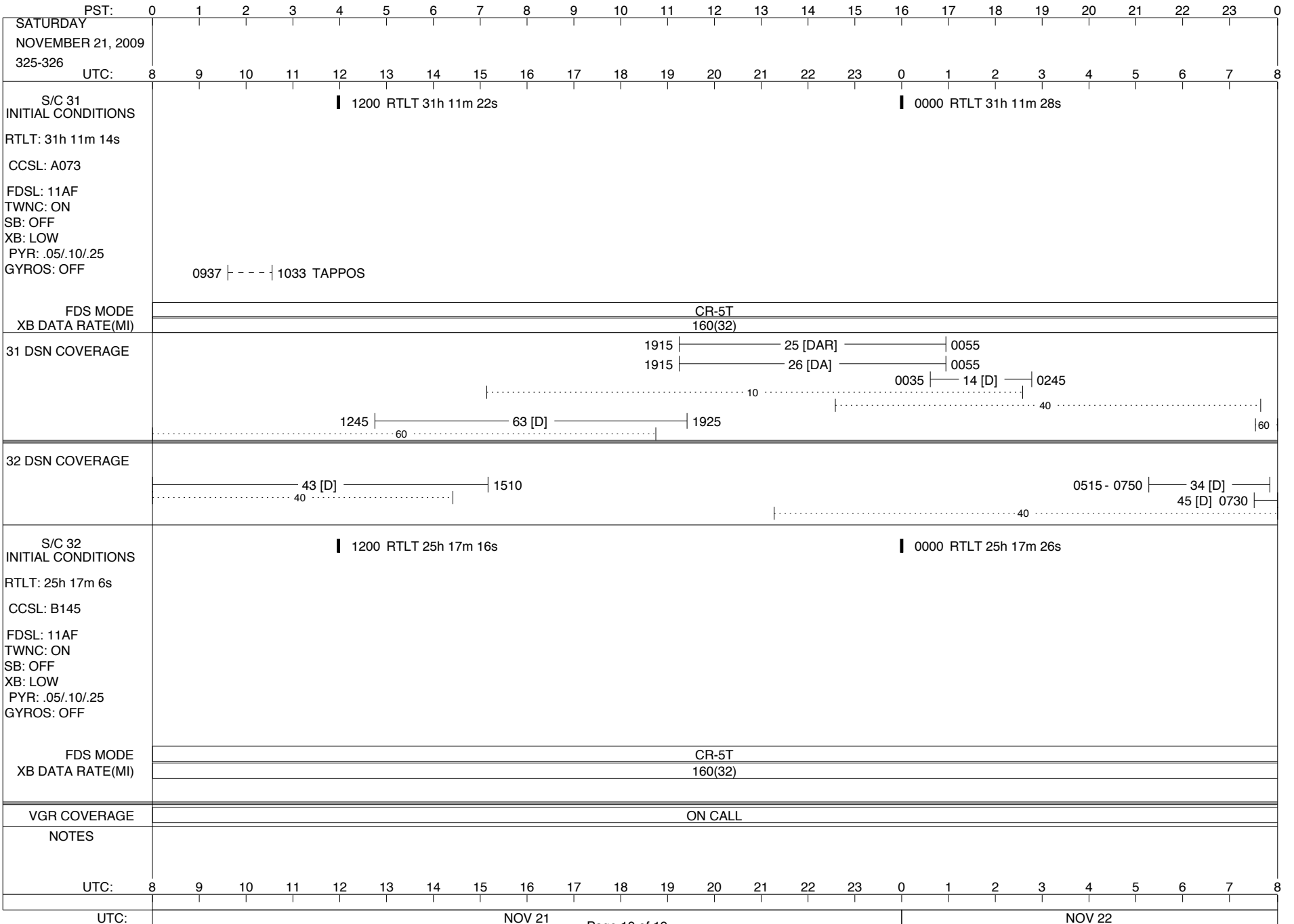
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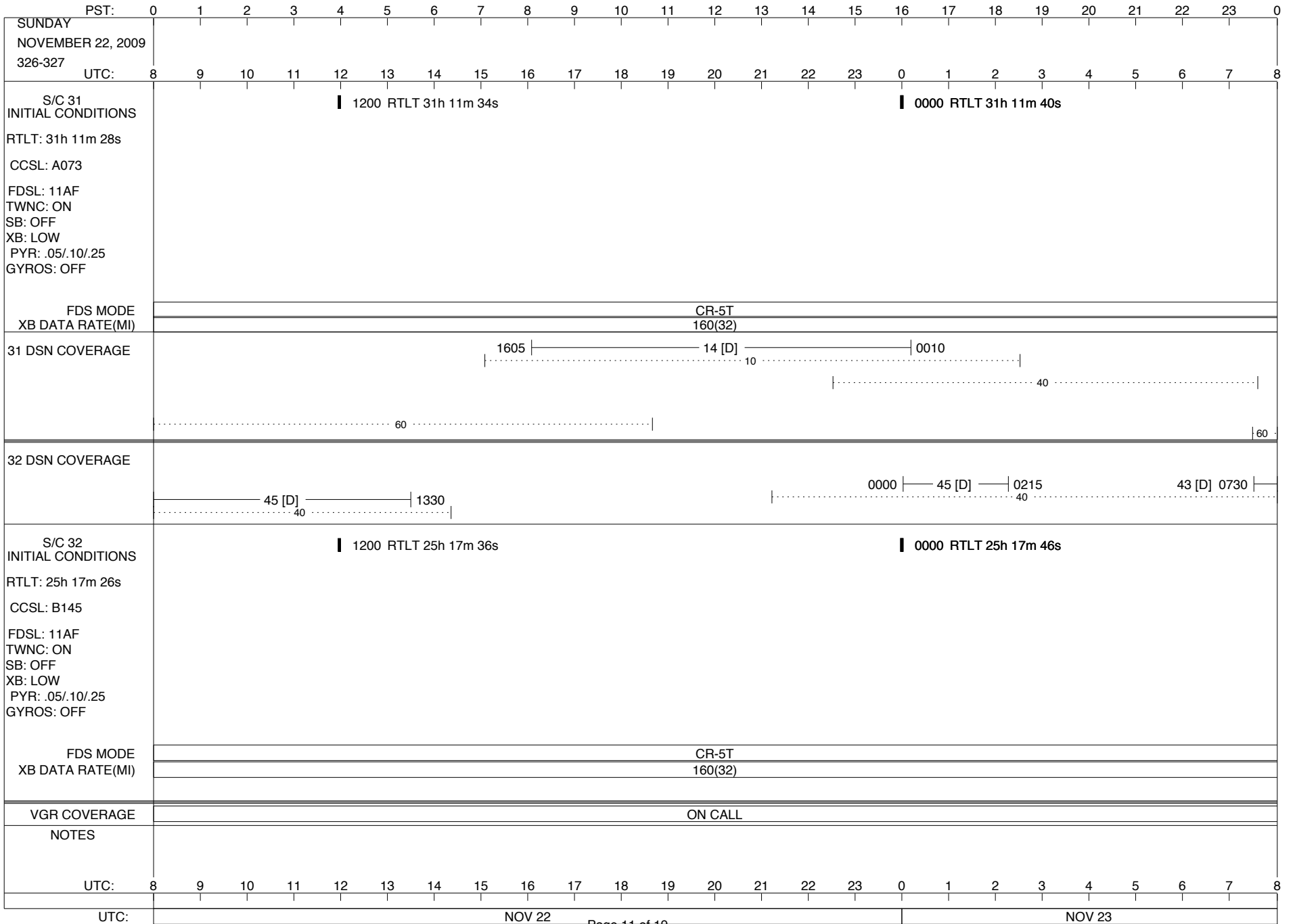


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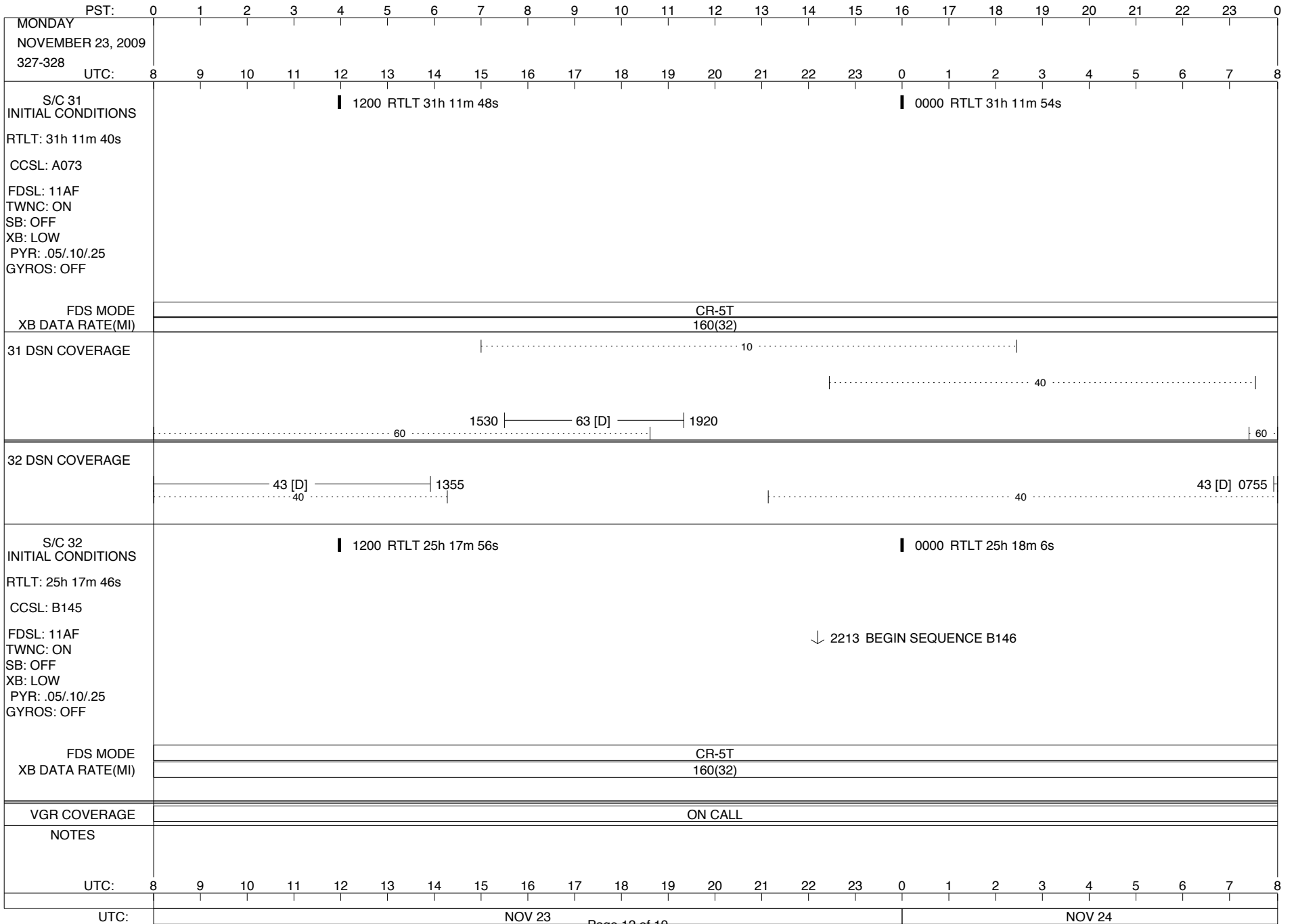
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FRIDAY NOVEMBER 20, 2009 324-325																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS	1200 RTLT 31h 11m 8s												0000 RTLT 31h 11m 14s													
RTLT: 31h 11m 0s																										
CCSL: A073																										
FDSL: 11AF	TLC (SHORT-FORM)													D/L - 0254												
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/10/25																										
GYROS: OFF																										
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	<p>2330 ----- 14 [D] ----- 0255</p> <p>1345 ----- 63 [D] ----- 1930</p>																									
32 DSN COVERAGE	<p>1030 ----- 43 [D] ----- 1445</p> <p>0635 ----- 43 [D] ----- </p>																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 25h 16m 56s												0000 RTLT 25h 17m 6s													
RTLT: 25h 16m 48s																										
CCSL: B145																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/10/25																										
GYROS: OFF																										
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL																									
NOTES	[1] S/C 31=GS-4B @ 0730 XB=2.8K(41) NOT RECOVERABLE																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	NOV 20													NOV 21												

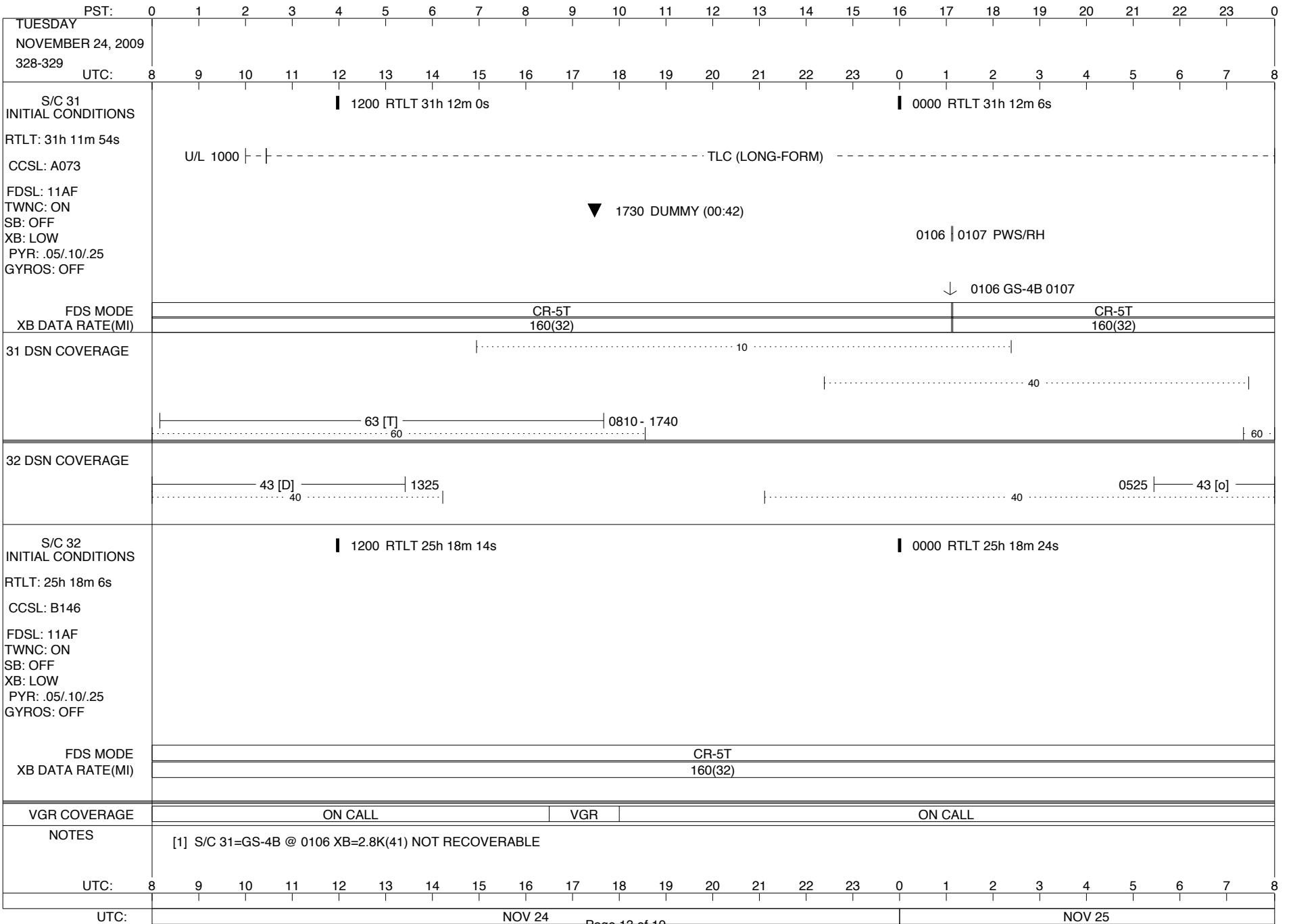
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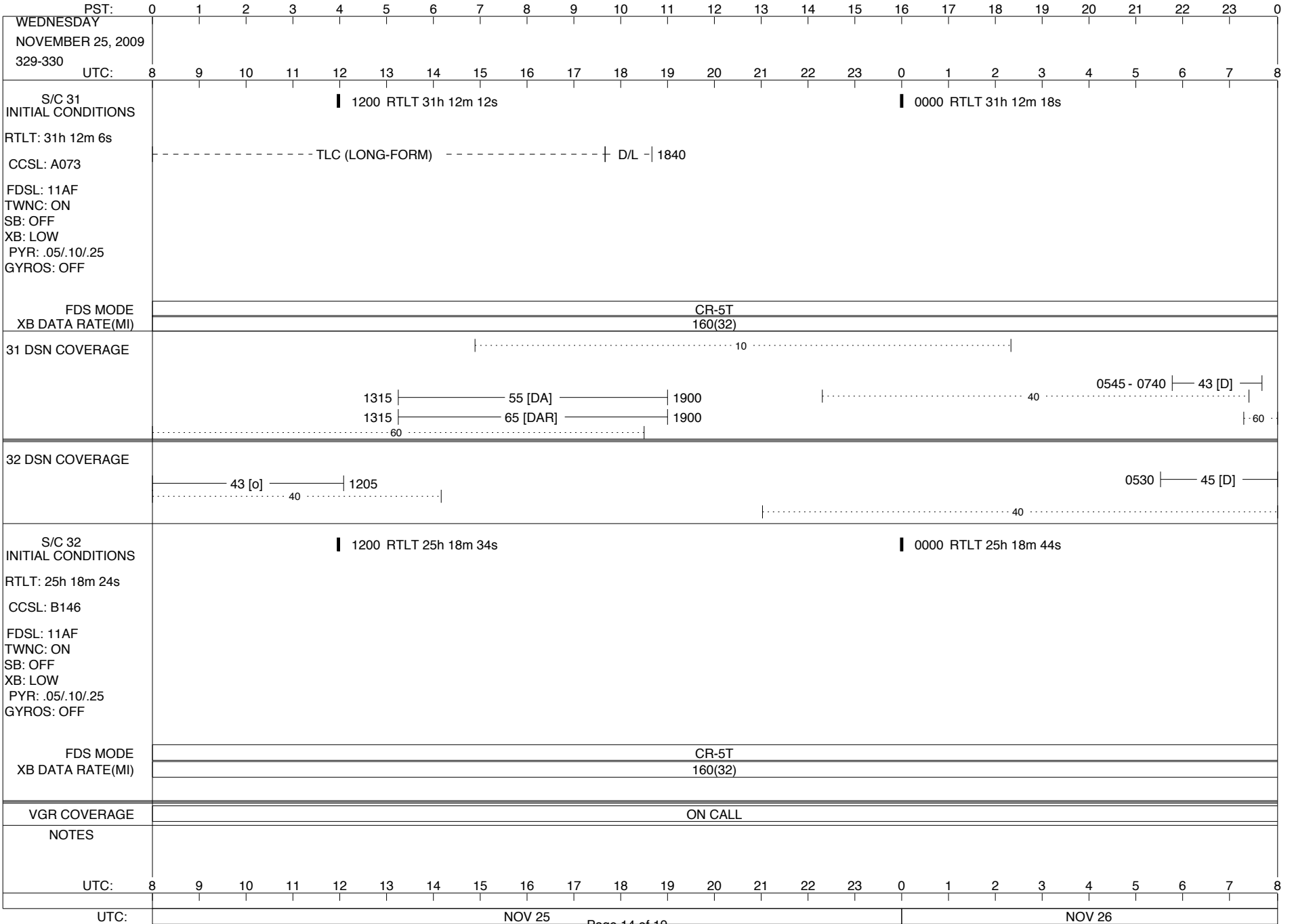


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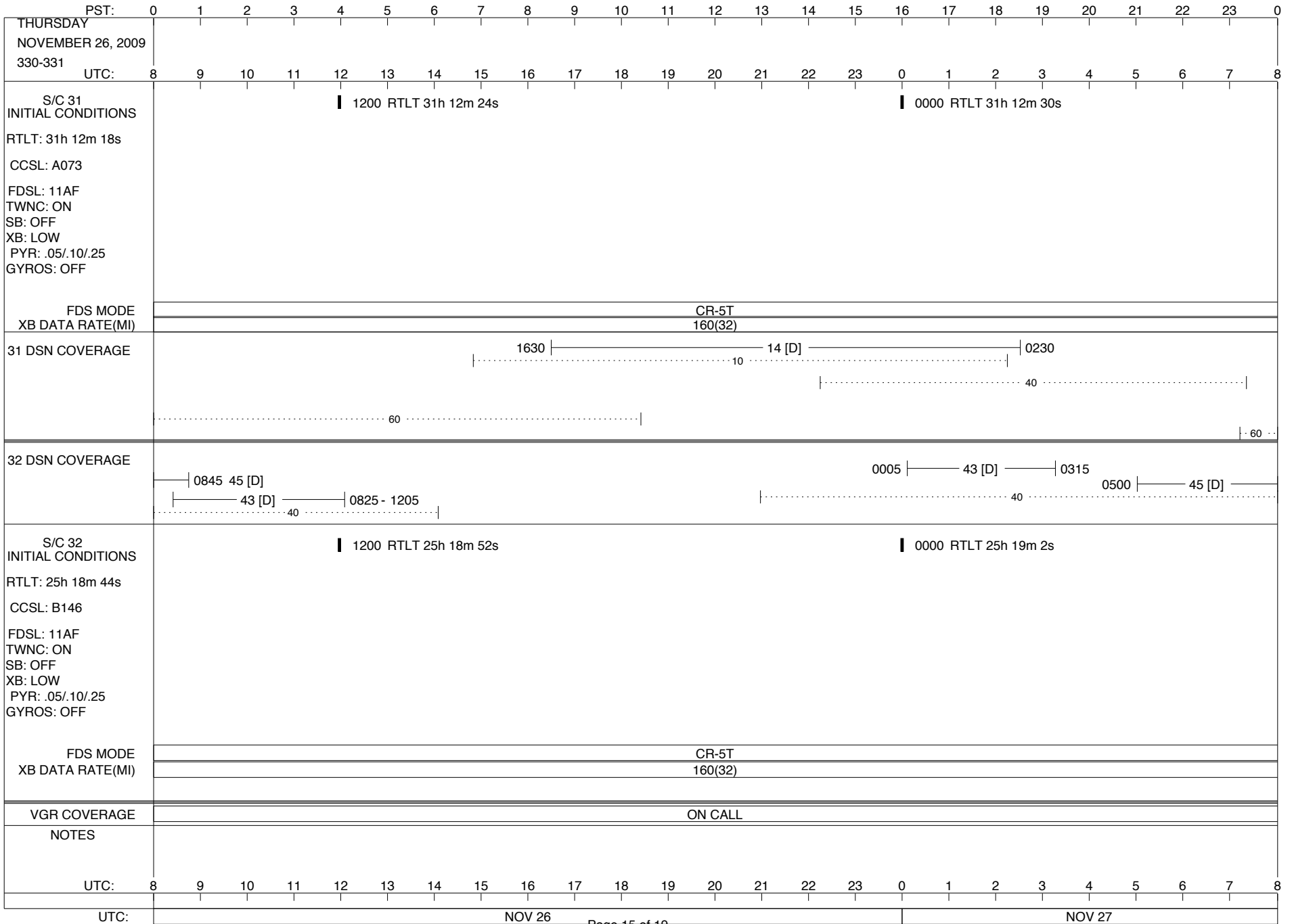




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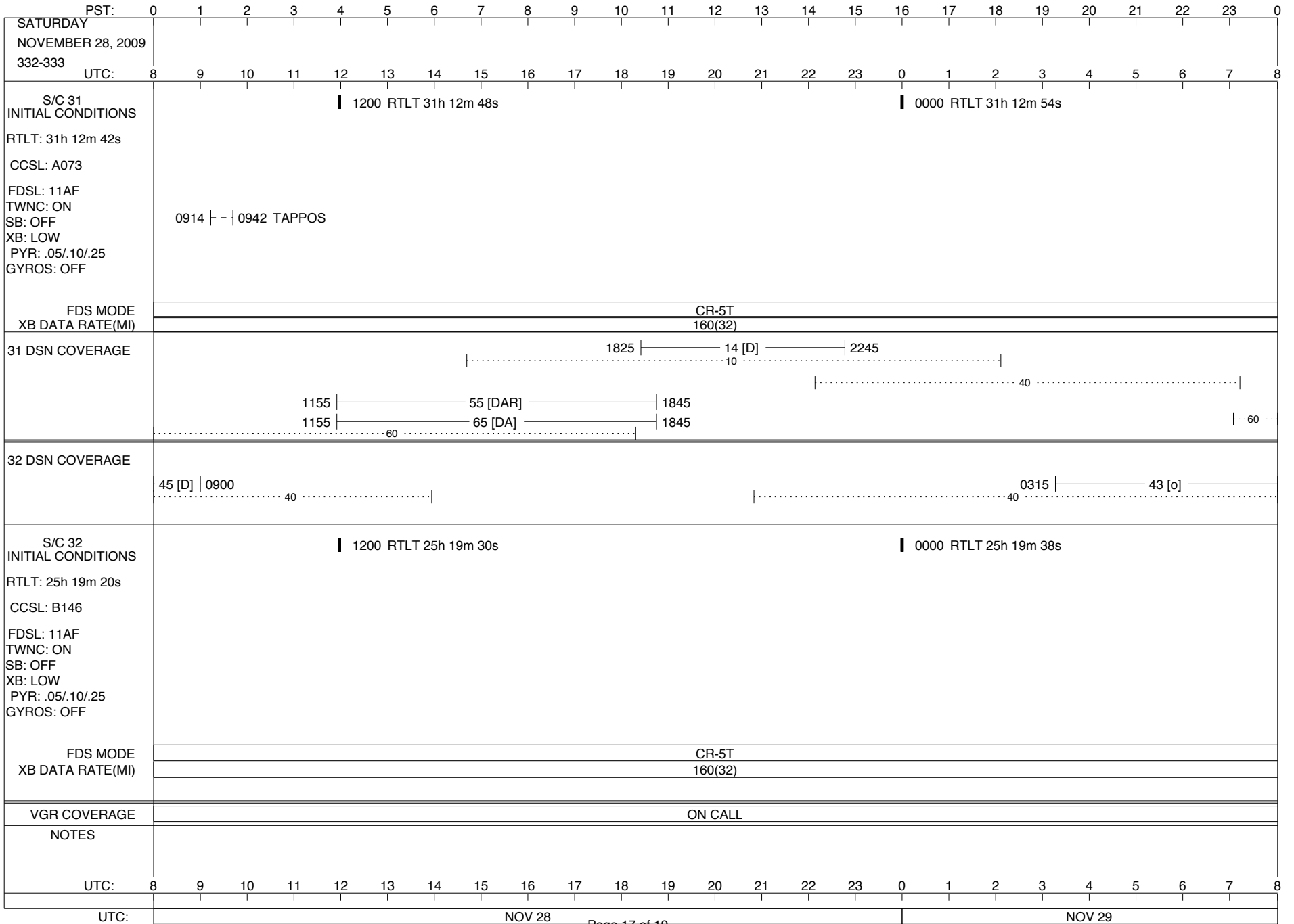
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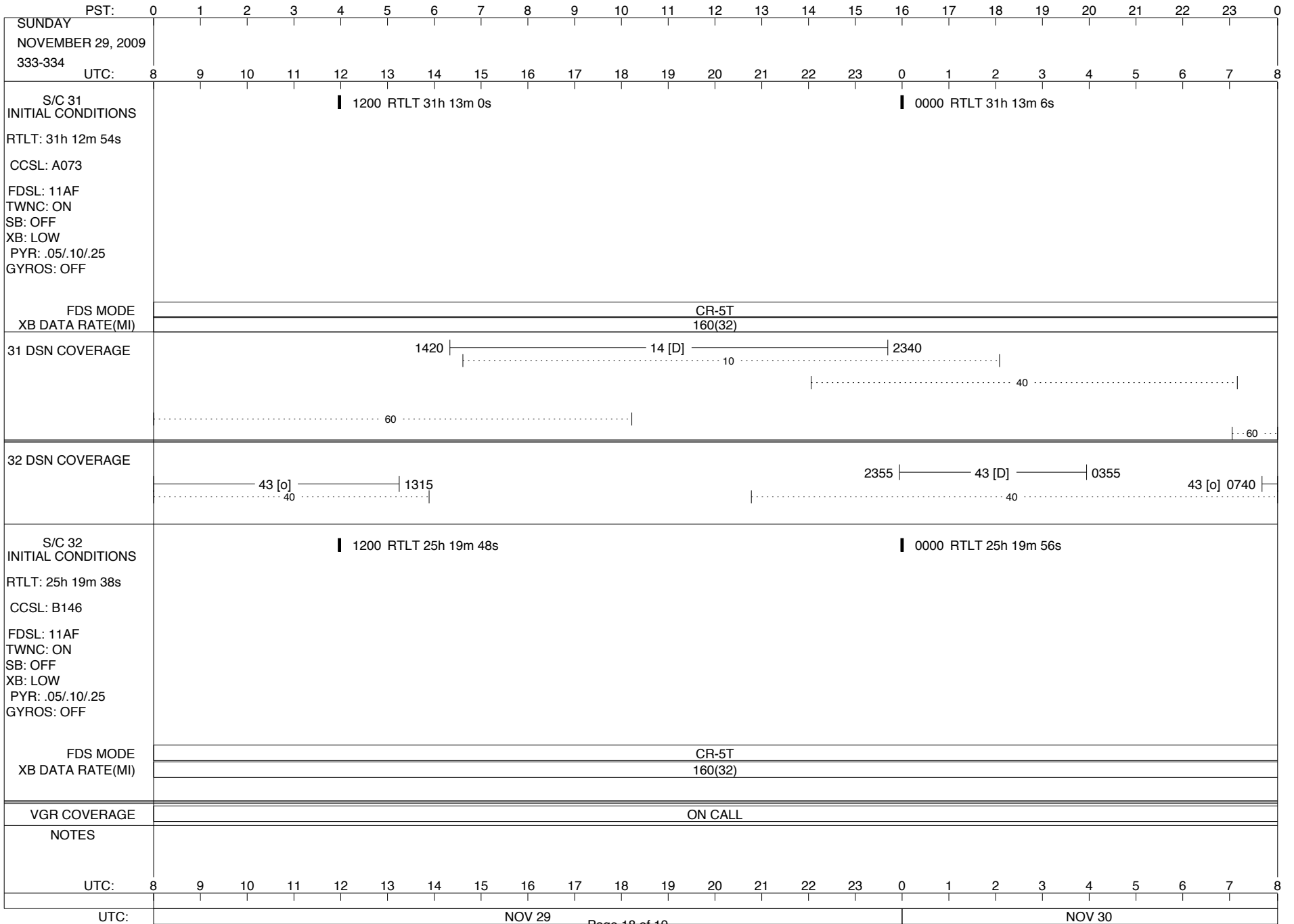
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PST:		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
FRIDAY NOVEMBER 27, 2009 331-332																													
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS		█ 1200 RTLT 31h 12m 36s														█ 0000 RTLT 31h 12m 42s													
RTLT: 31h 12m 30s																													
CCSL: A073																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		CR-5T																											
XB DATA RATE(MI)		160(32)																											
31 DSN COVERAGE		<p>.....10.....</p> <p>.....40.....</p> <p>-----63 [D]----- 0805 - 1900-----60.....</p>																											
32 DSN COVERAGE		<p>-----45 [D]----- 1310-----0205 -----45 [D]-----40.....</p>																											
S/C 32 INITIAL CONDITIONS		█ 1200 RTLT 25h 19m 10s														█ 0000 RTLT 25h 19m 20s													
RTLT: 25h 19m 2s																													
CCSL: B146																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		CR-5T																											
XB DATA RATE(MI)		160(32)																											
VGR COVERAGE		ON CALL																											
NOTES		[1] S/C 31=GS-4B @ 0707 XB=2.8K(41) NOT RECOVERABLE																											
UTC:		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:		NOV 27														NOV 28													

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PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0		
MONDAY NOVEMBER 30, 2009 334-335																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
S/C 31 INITIAL CONDITIONS RTLT: 31h 13m 6s CCSL: A073 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 31h 13m 12s</p> <p style="text-align: center;">TBDI-----ITBD HPOINTS U/L</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p style="text-align: center;">1315 ----- 63 ----- 1850</p> <p style="text-align: center;">60 ----- </p>																										
32 DSN COVERAGE	<p style="text-align: center;">43 [o] ----- 1410</p> <p style="text-align: center;">40 ----- </p>																										
S/C 32 INITIAL CONDITIONS RTLT: 25h 19m 56s CCSL: B146 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 25h 20m 6s</p> <p style="text-align: center;">TBDI-----ITBD MEMUPD-UNEXP ECHOES PATCH & 2 MRO'S</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL																										
NOTES																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
UTC:	NOV 30													DEC 01													